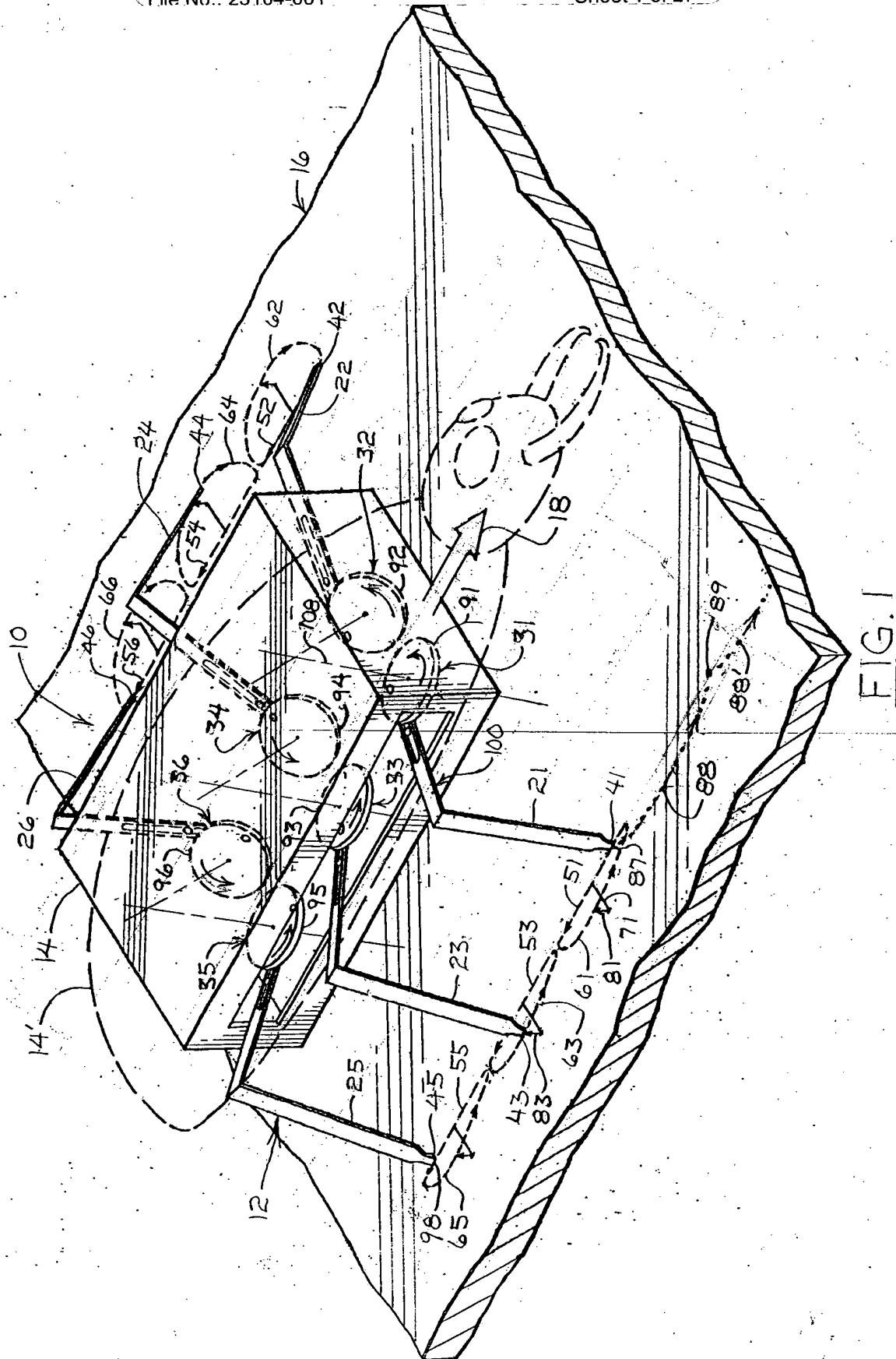


Applicant: Mitch Randall  
Express Mail Label: EV 313992957US  
Filing Date: July 2, 2003  
Title: APPARATUS AND METHOD FOR PRODUCING  
AMBULATORY MOTION  
File No.: 23104-001 Sheet 1

Sheet 1 of 27



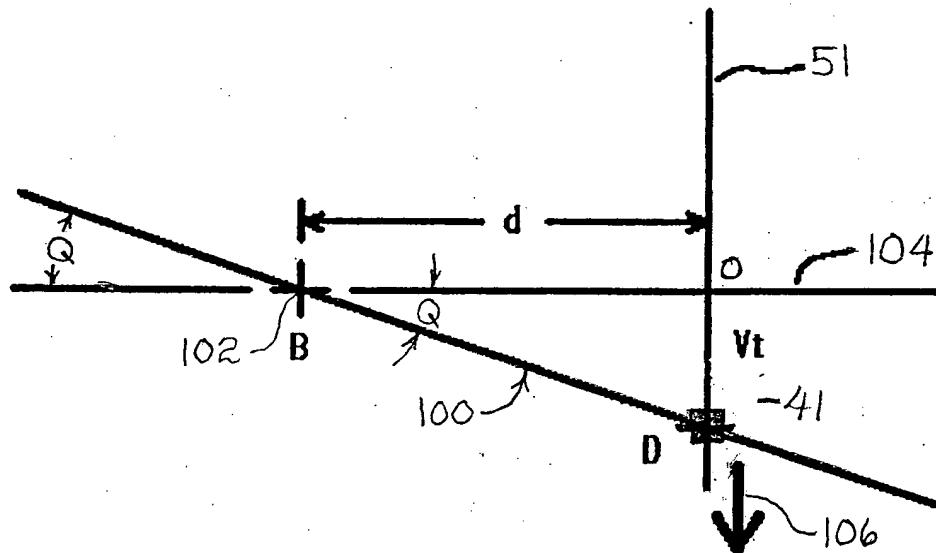


FIG. 2

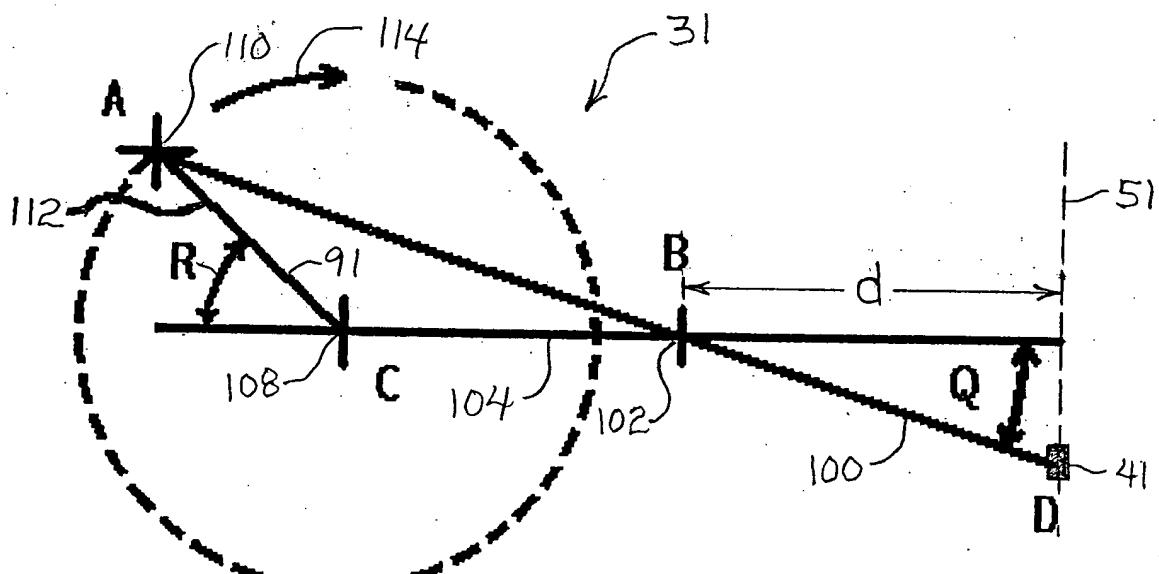


FIG. 3

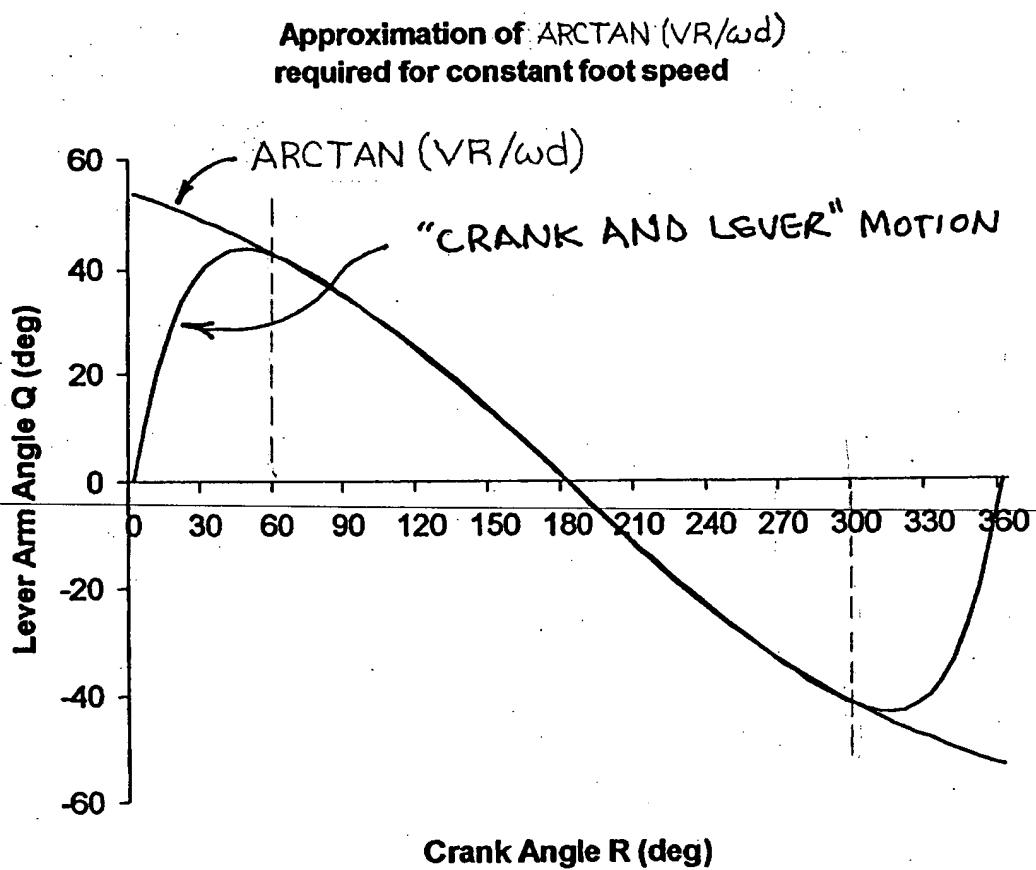


FIG. 4

**Normalized Foot Speed resulting from  
ATAN(VR/wd) approximation**

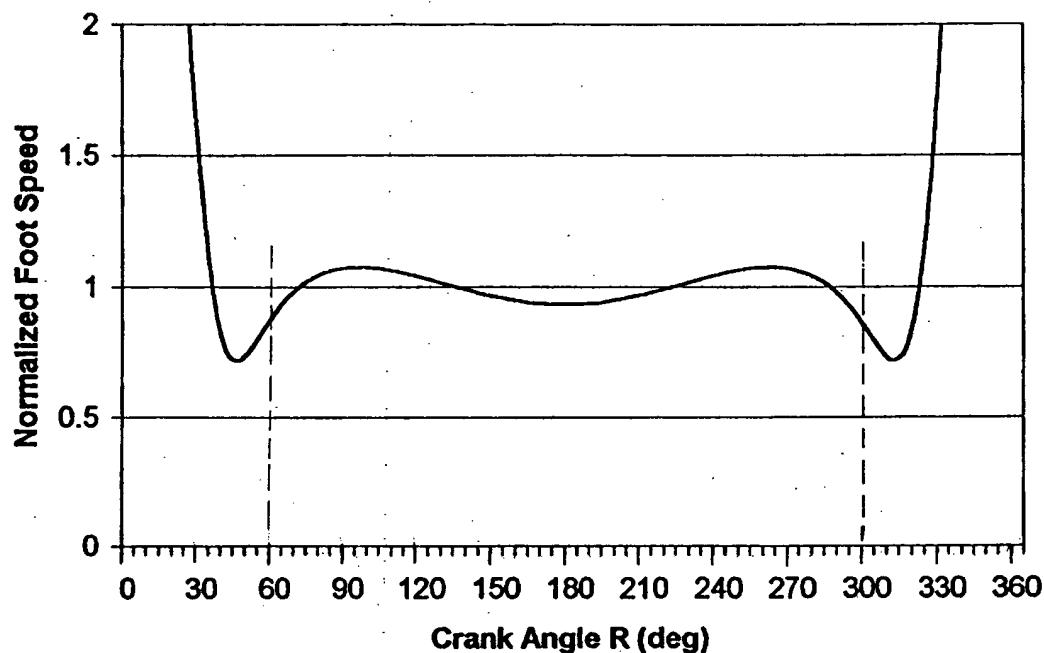


FIG. 5

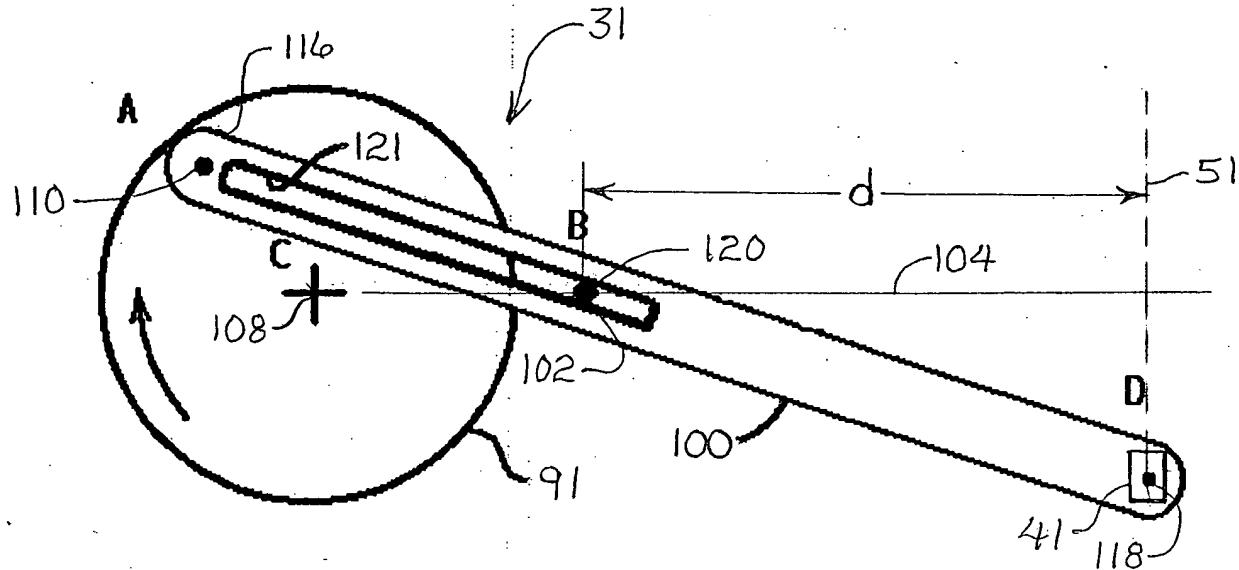
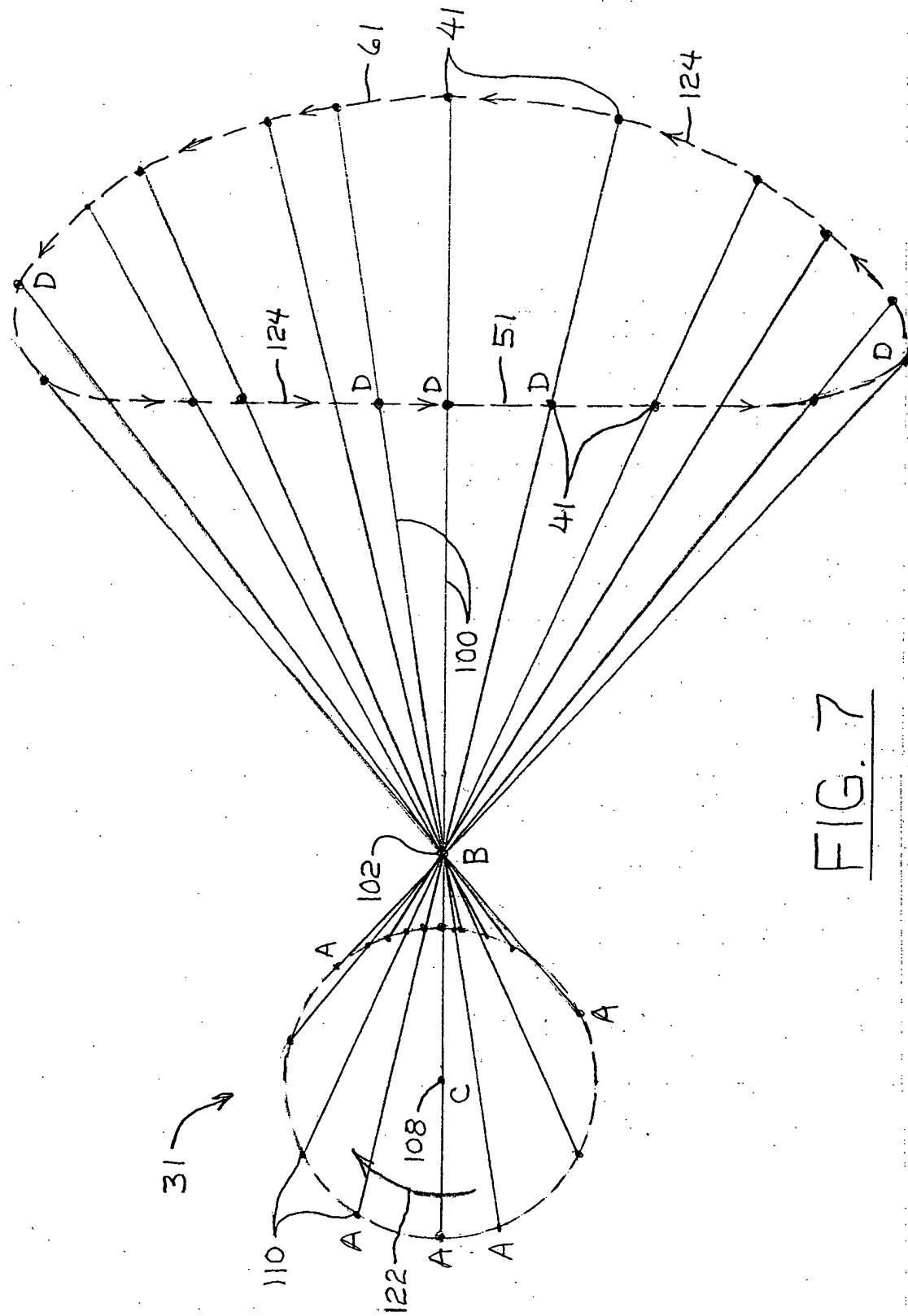


FIG. 6



7  
G  
E

Applicant: Mitch Randall  
Express Mail Label: EV 313992957US  
Filing Date: July 2, 2003  
Title: APPARATUS AND METHOD FOR PRODUCING  
AMBULATORY MOTION  
File No.: 23104-001

Sheet 6 of 27

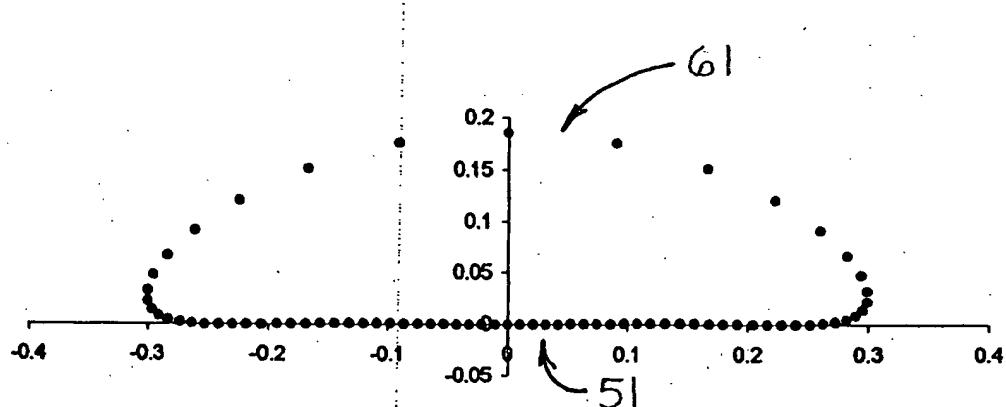


FIG. 8

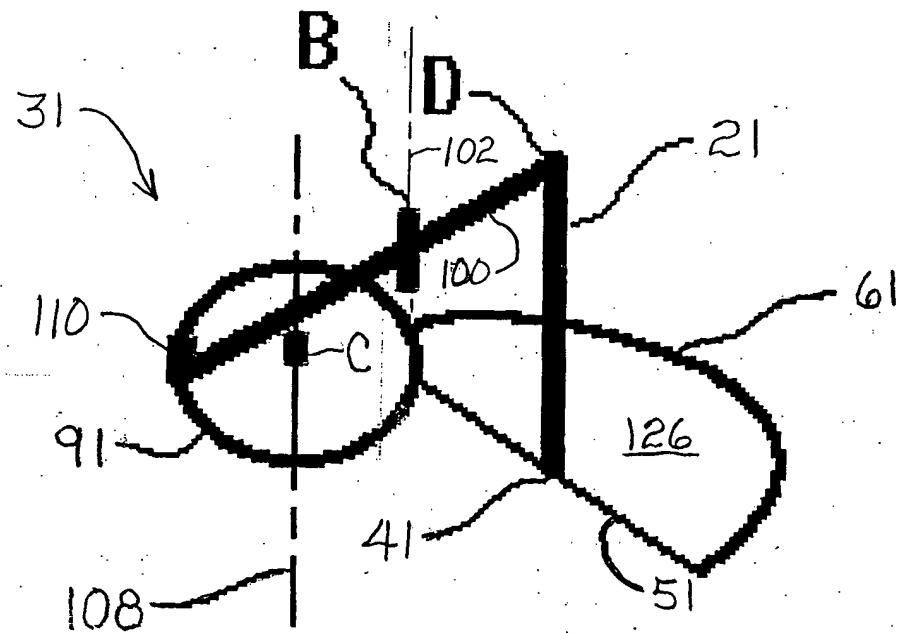


FIG. 9

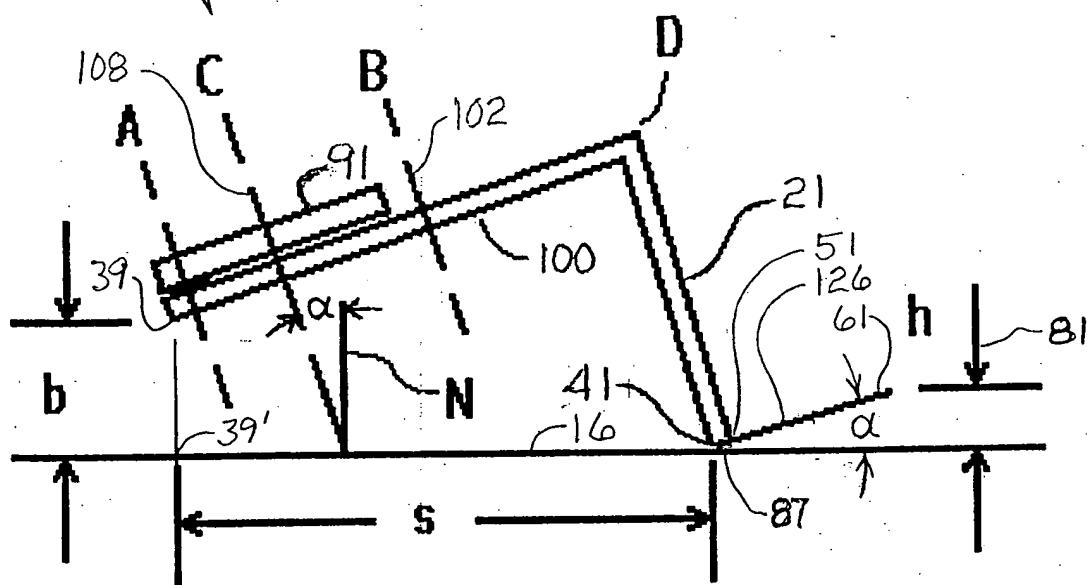


FIG. 10

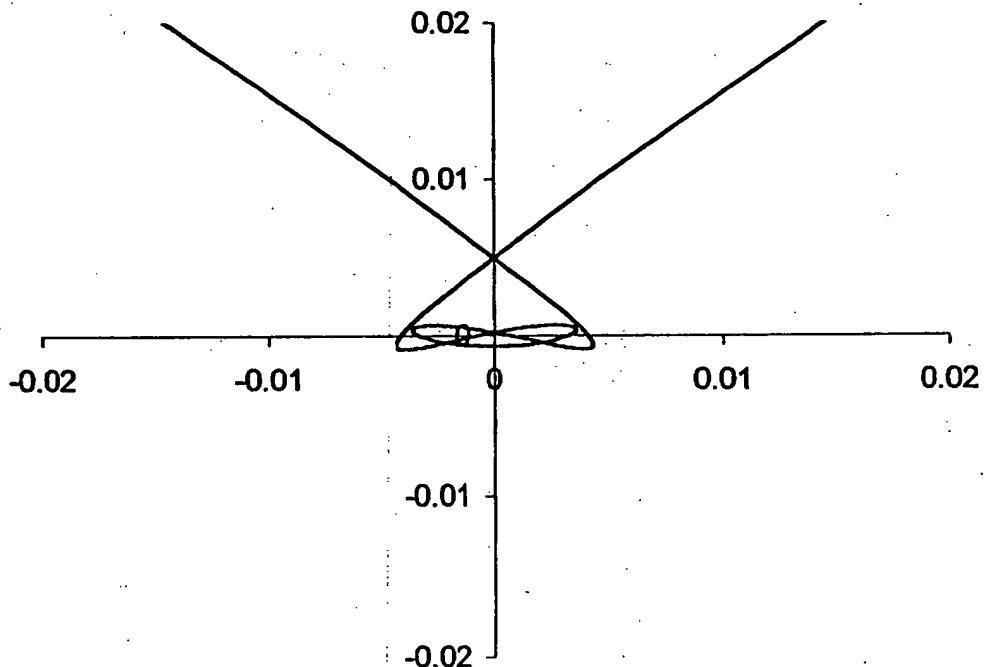
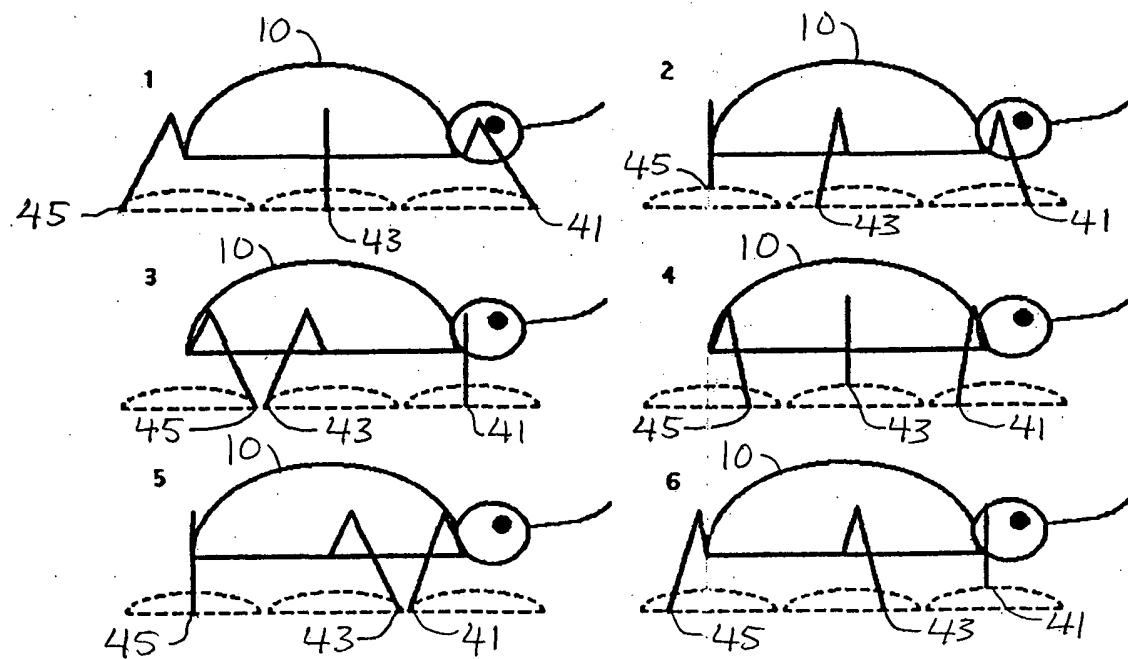
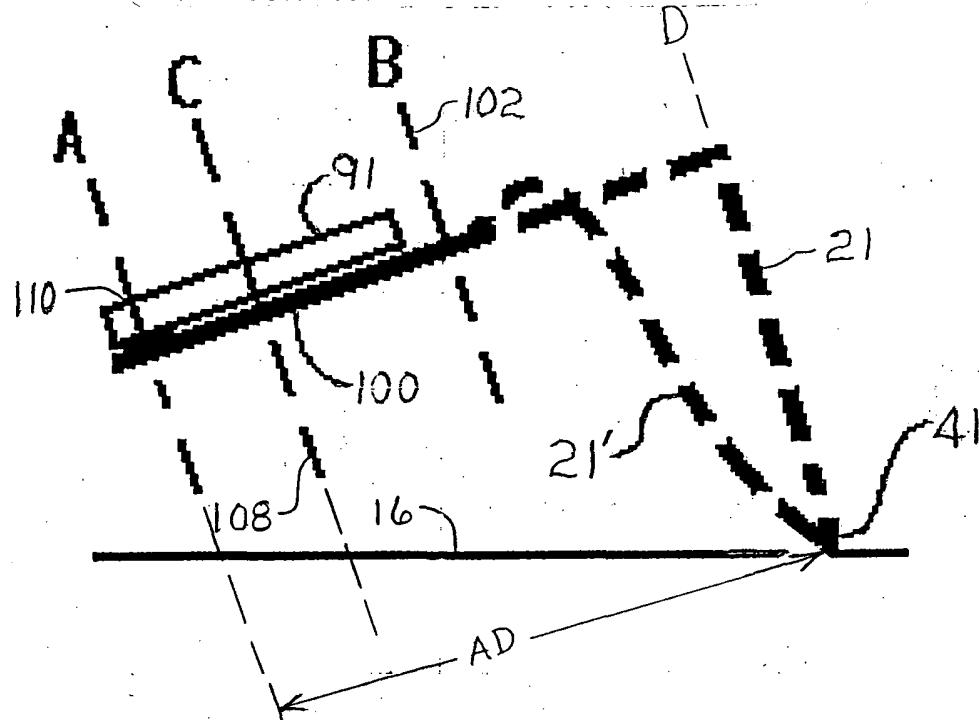


FIG. 11



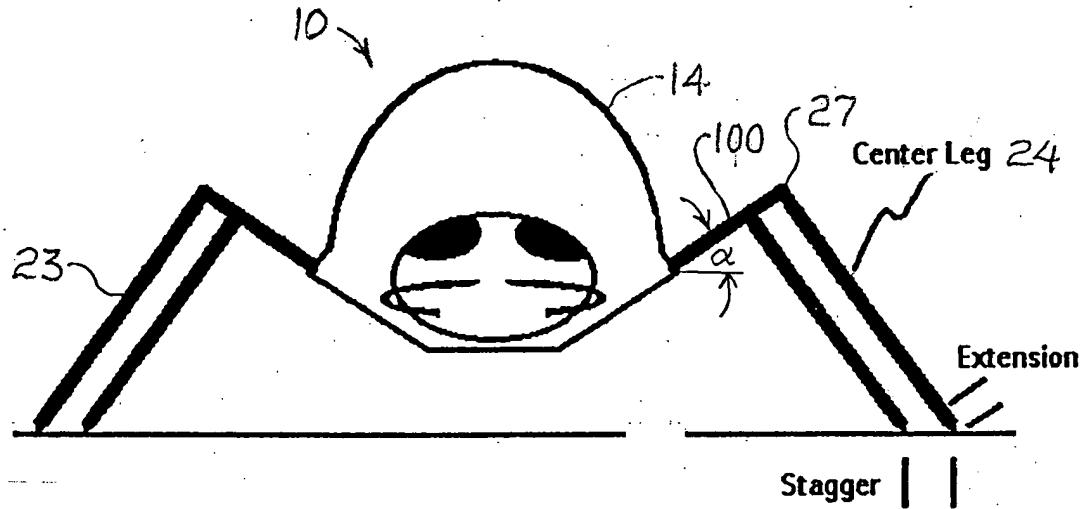


FIG. 14

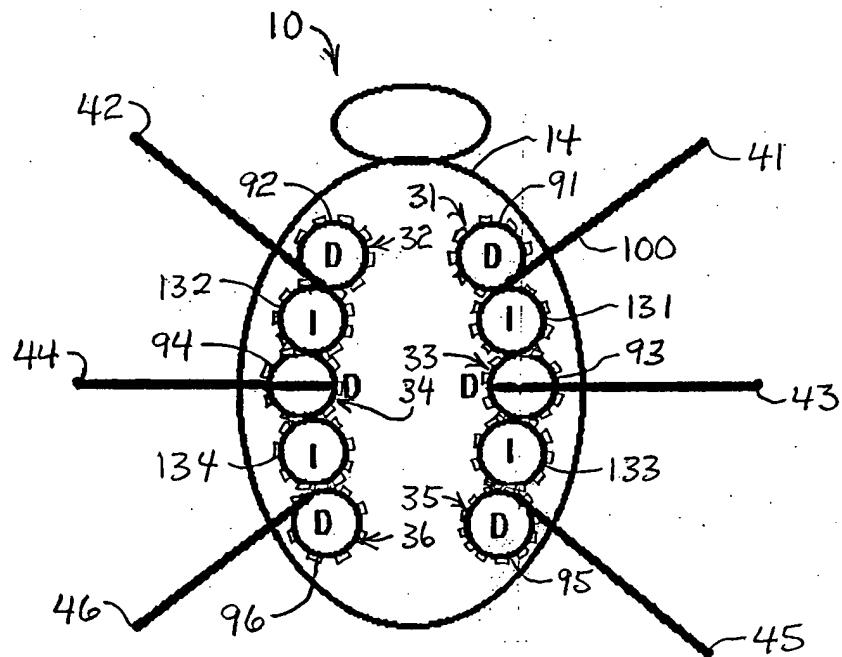


FIG. 15

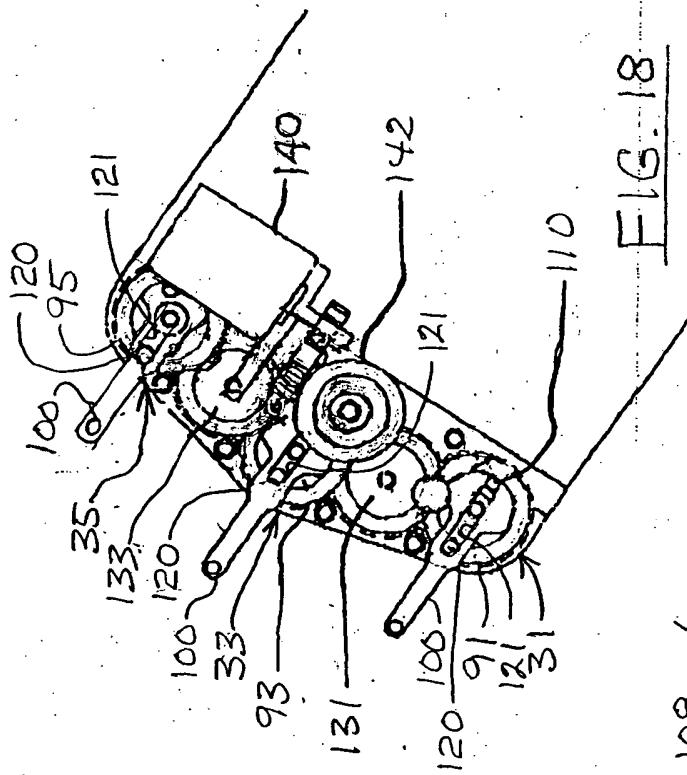


FIG. 18

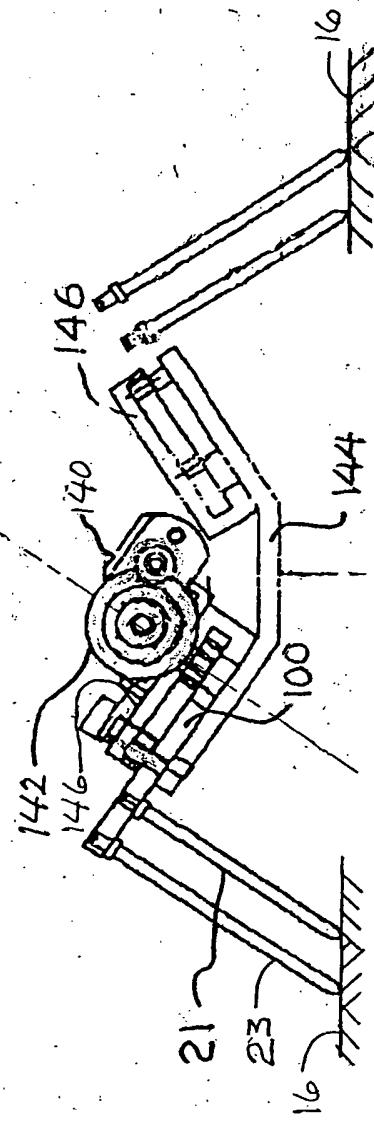


FIG. 16

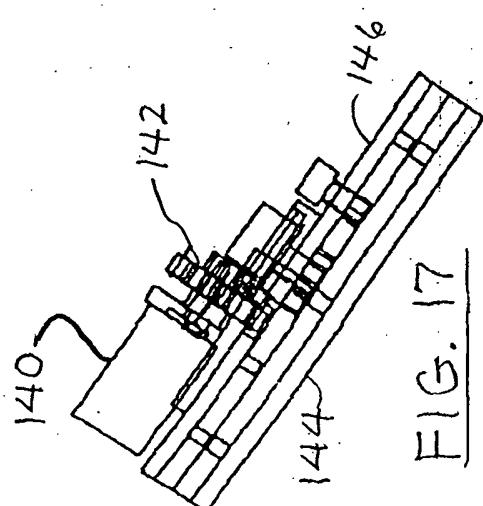


FIG. 17

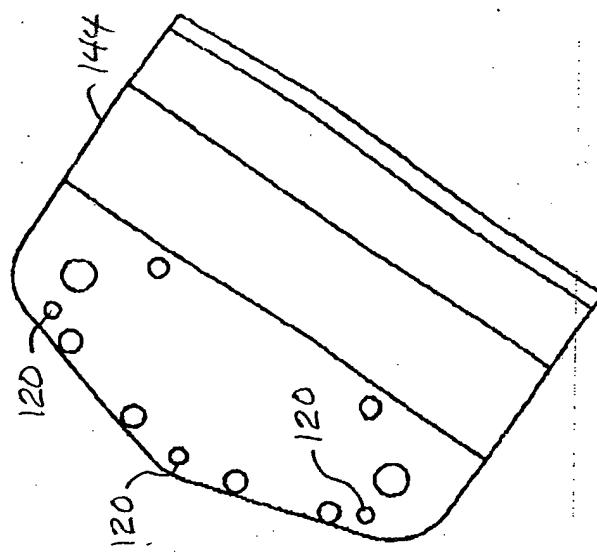


FIG. 21

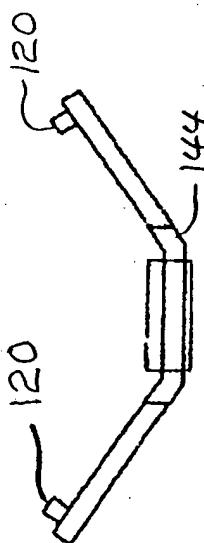


FIG. 19

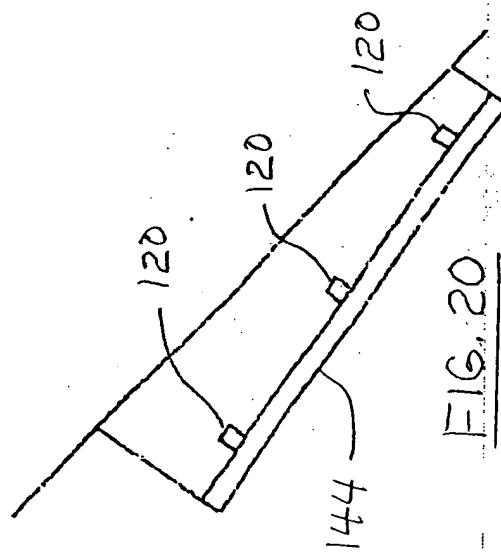


FIG. 20

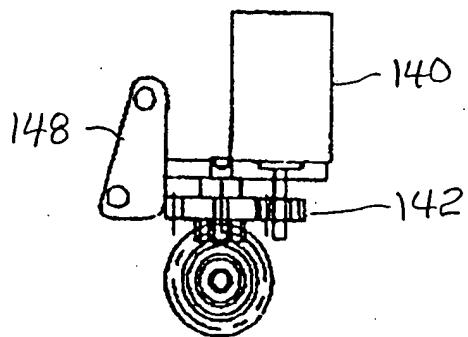


FIG. 23

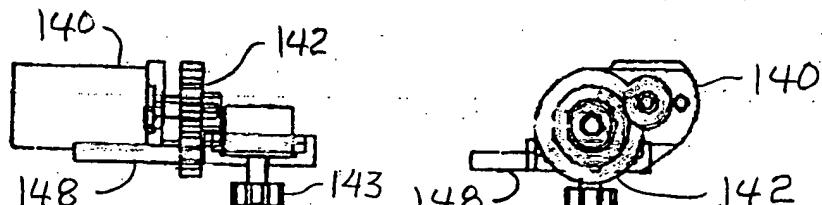


FIG. 24

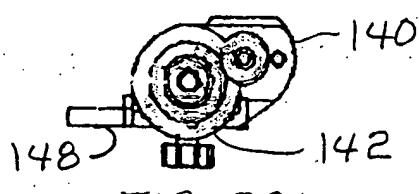


FIG. 22

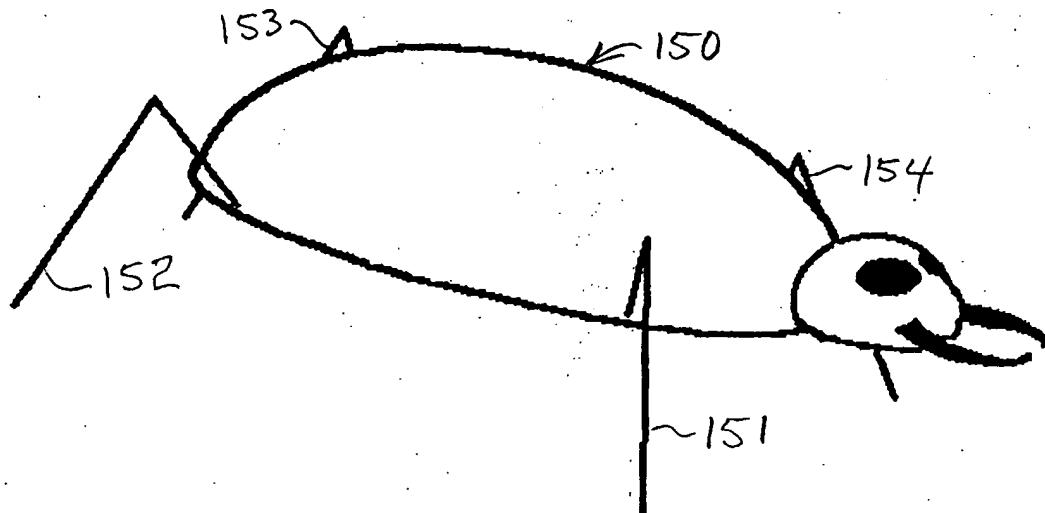


FIG. 27

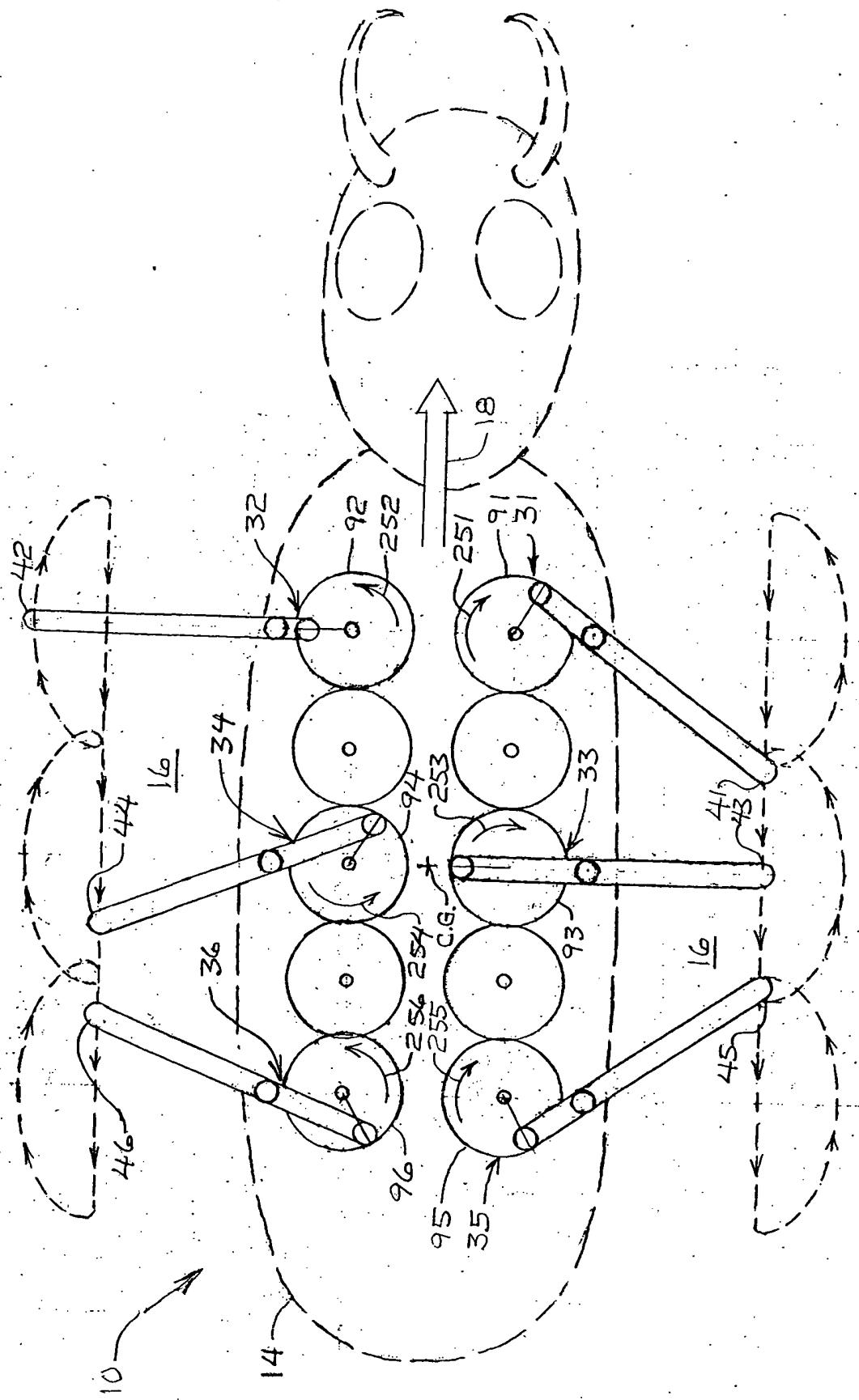


FIG. 25

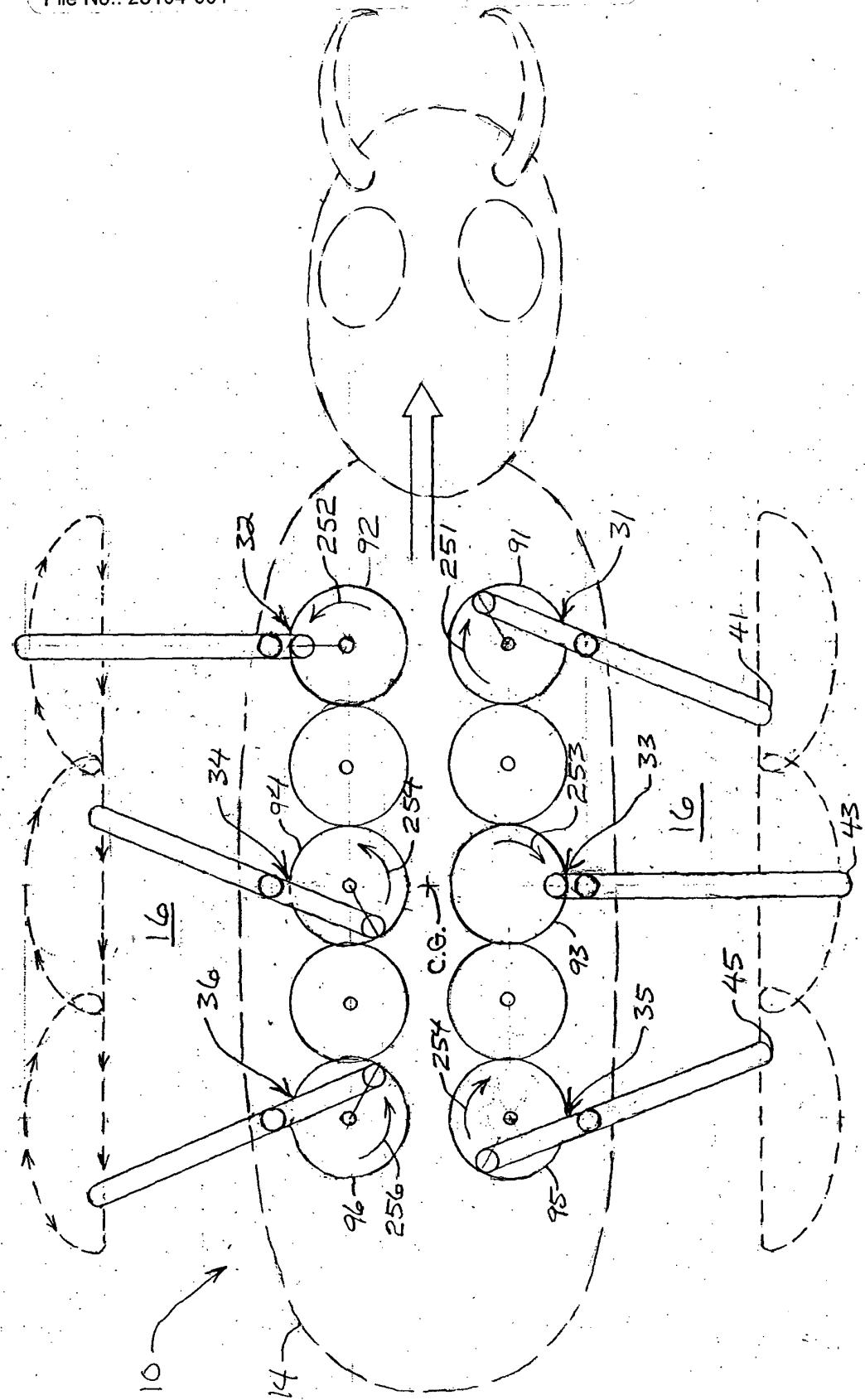


FIG. 26

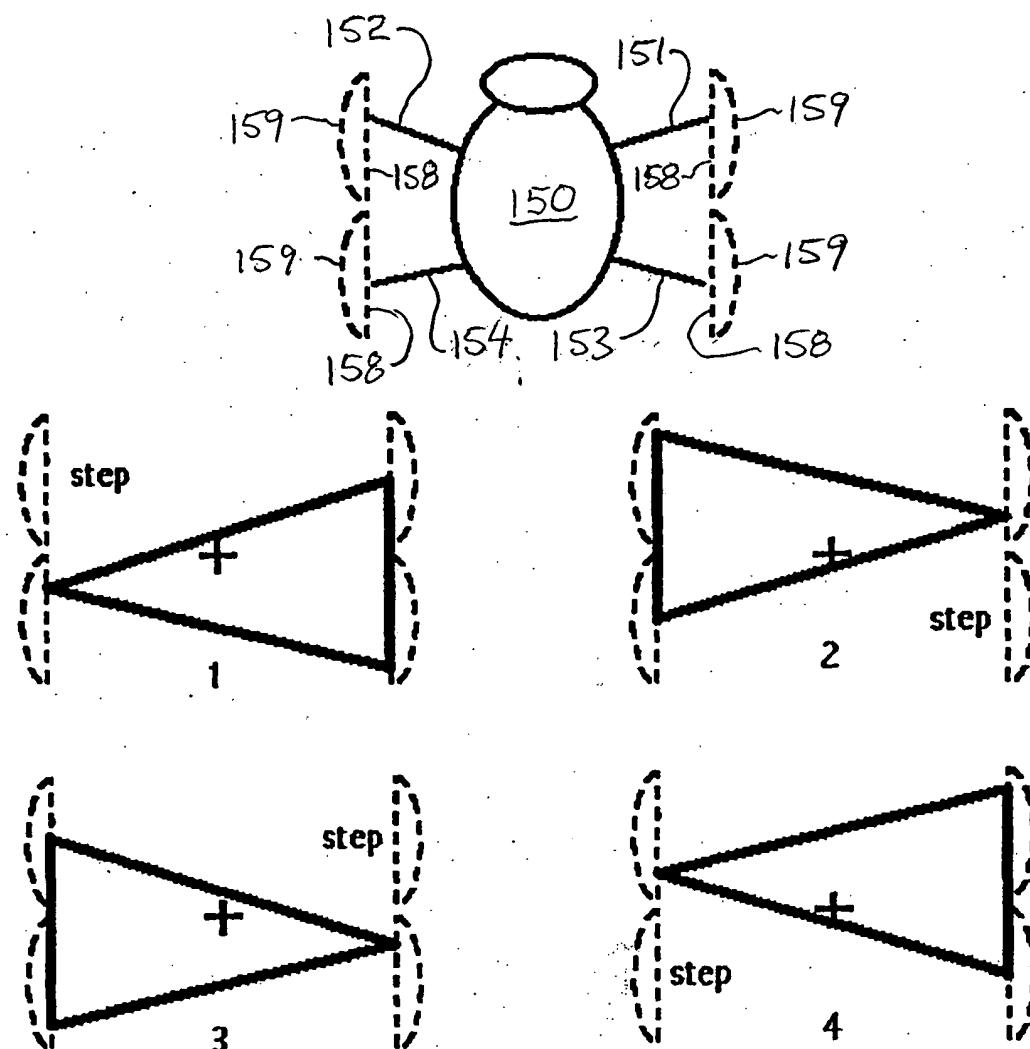


FIG. 28

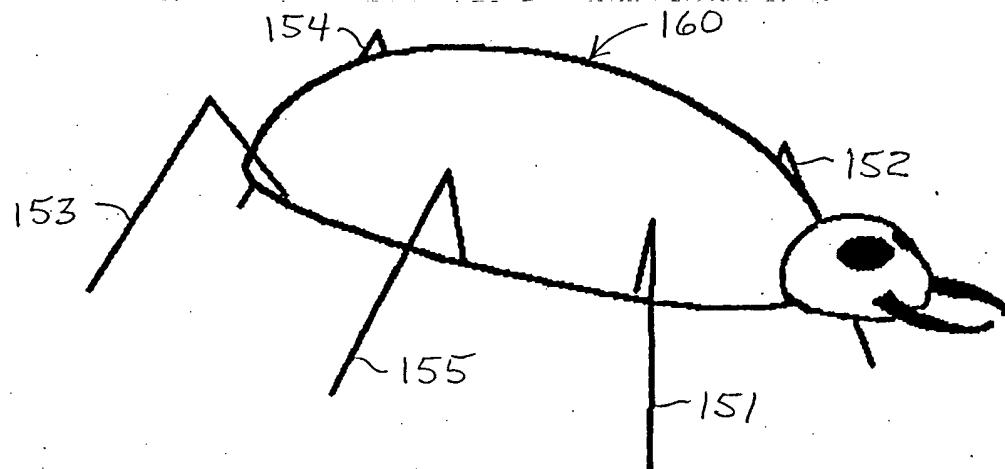


FIG. 29

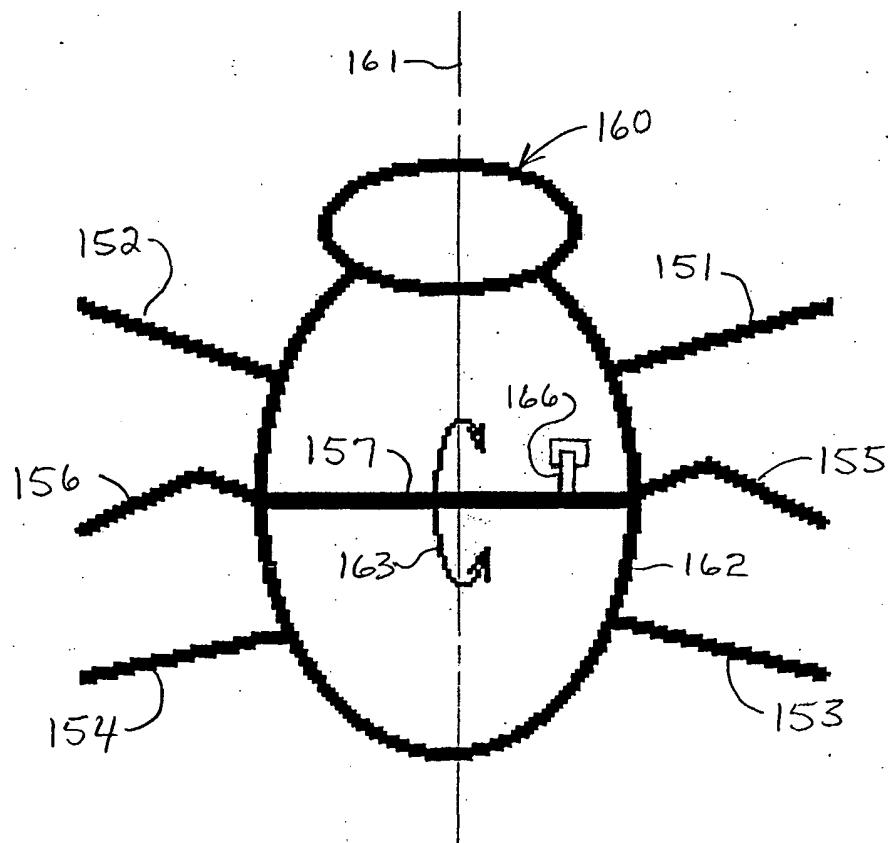


FIG. 30

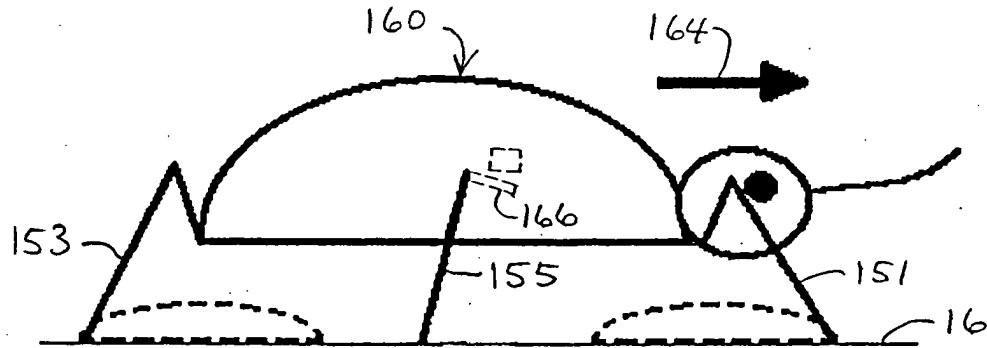


FIG. 31

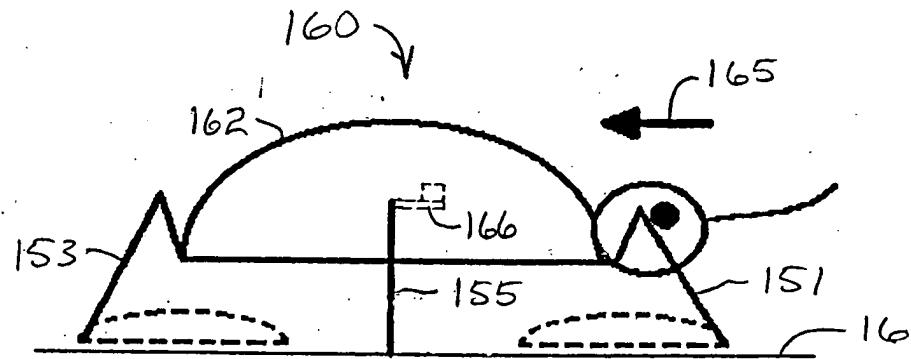


FIG. 32

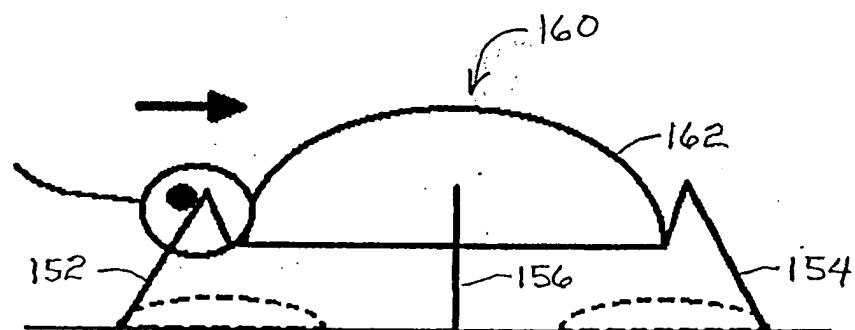


FIG. 33

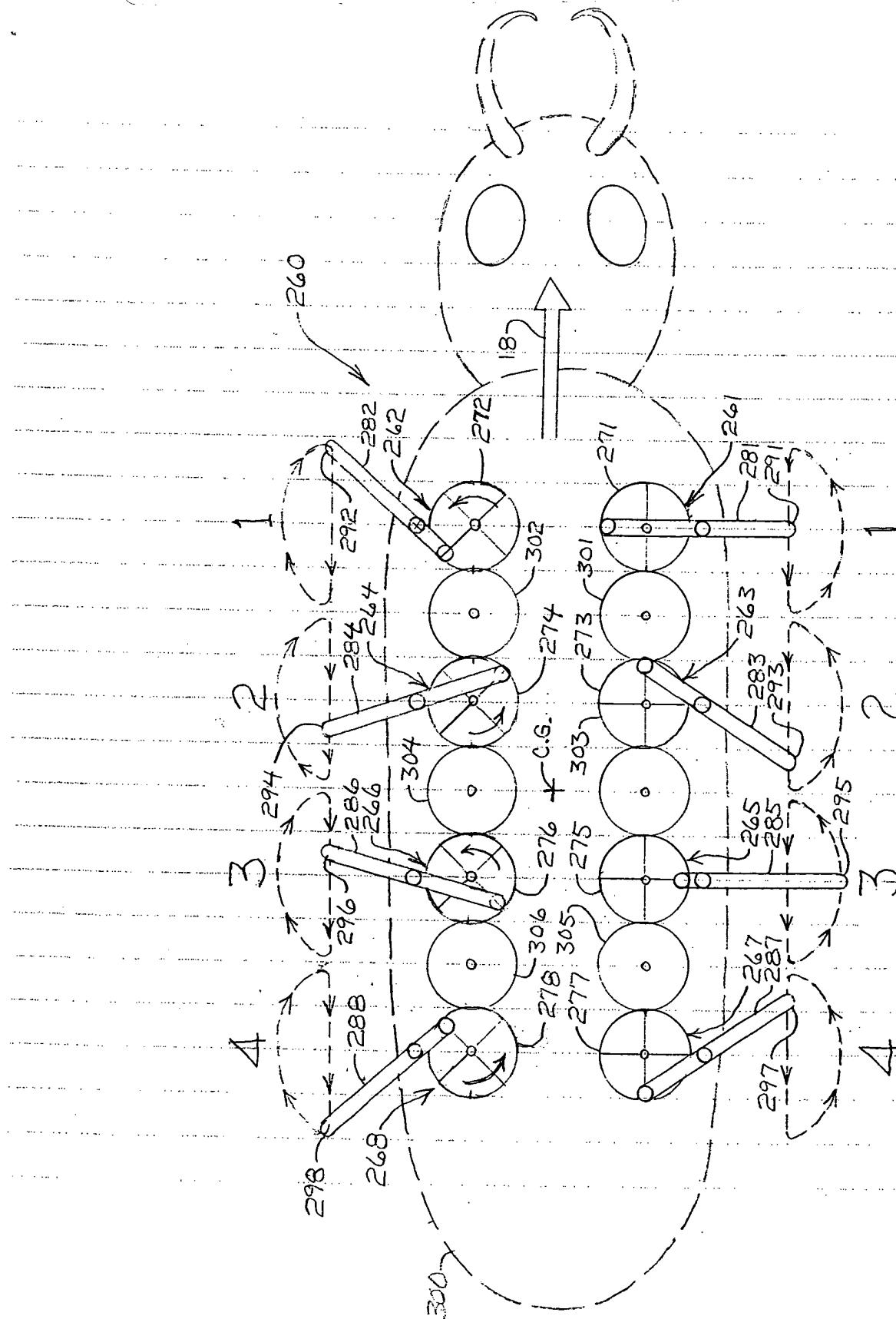


FIG. 34

Applicant: Mitch Randall  
Express Mail Label: EV 313992957US  
Filing Date: July 2, 2003  
Title: APPARATUS AND METHOD FOR PRODUCING  
AMBULATORY MOTION  
File No.: 23104-001

Sheet 19 of 27

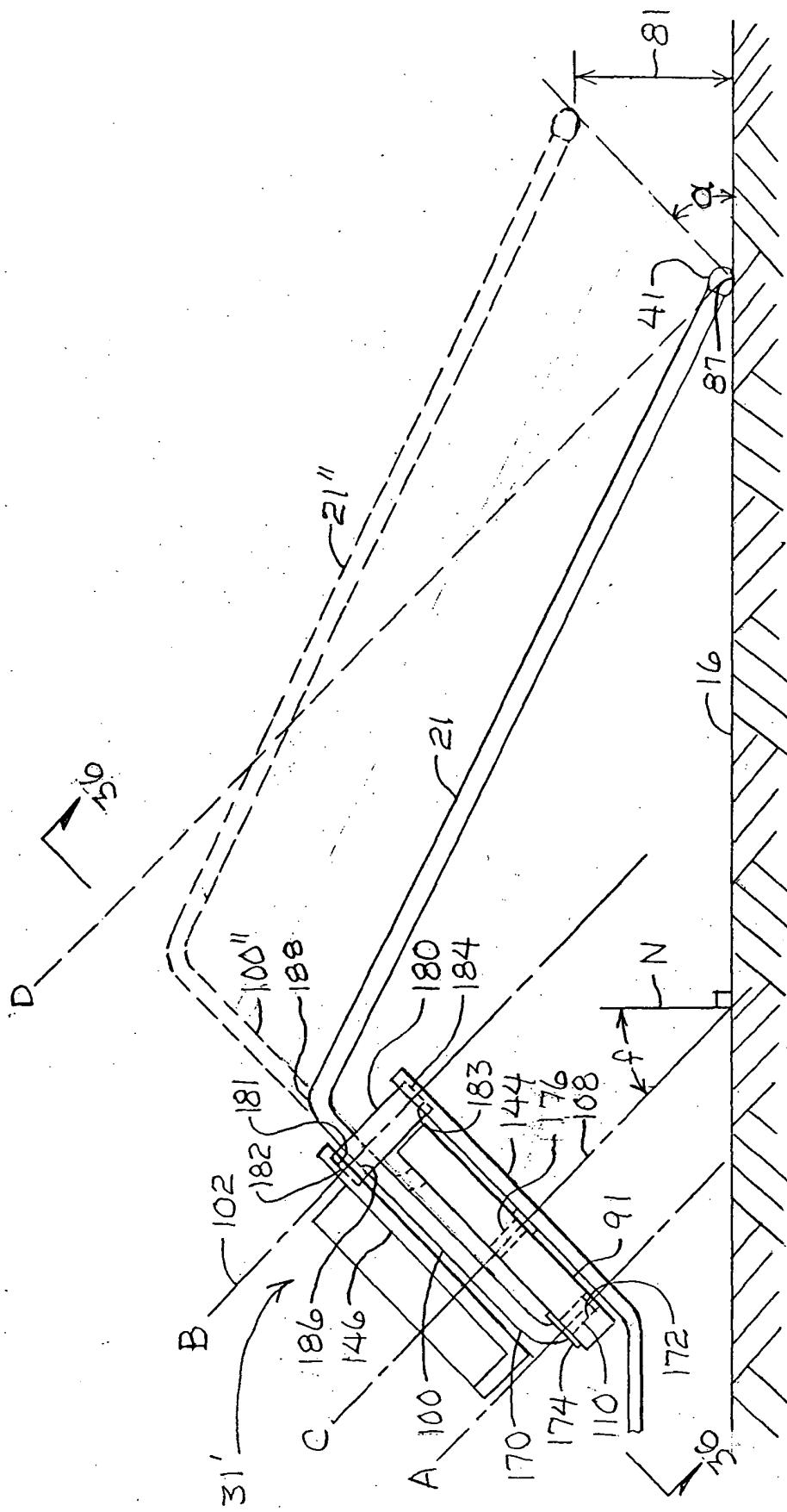


FIG. 35

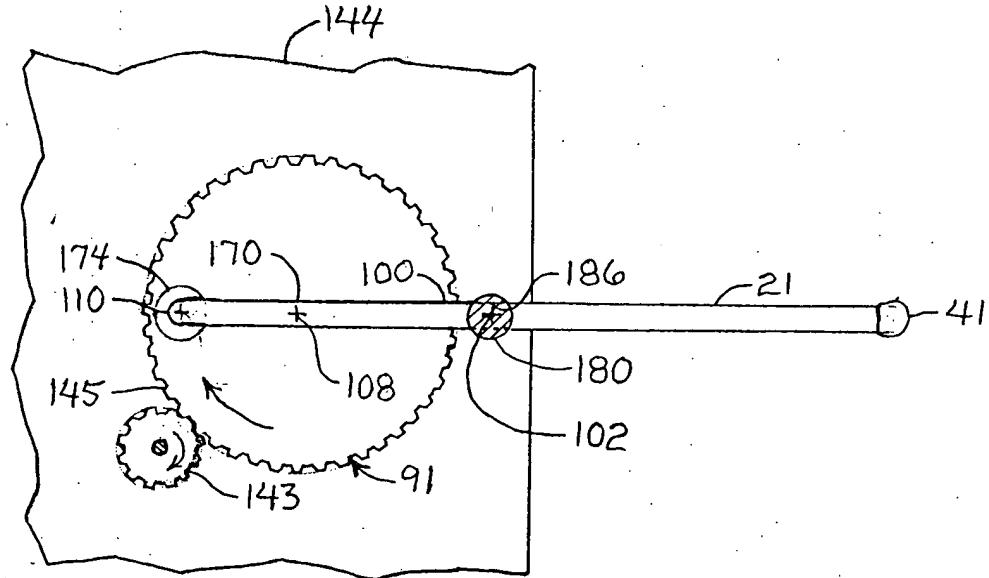


FIG. 36

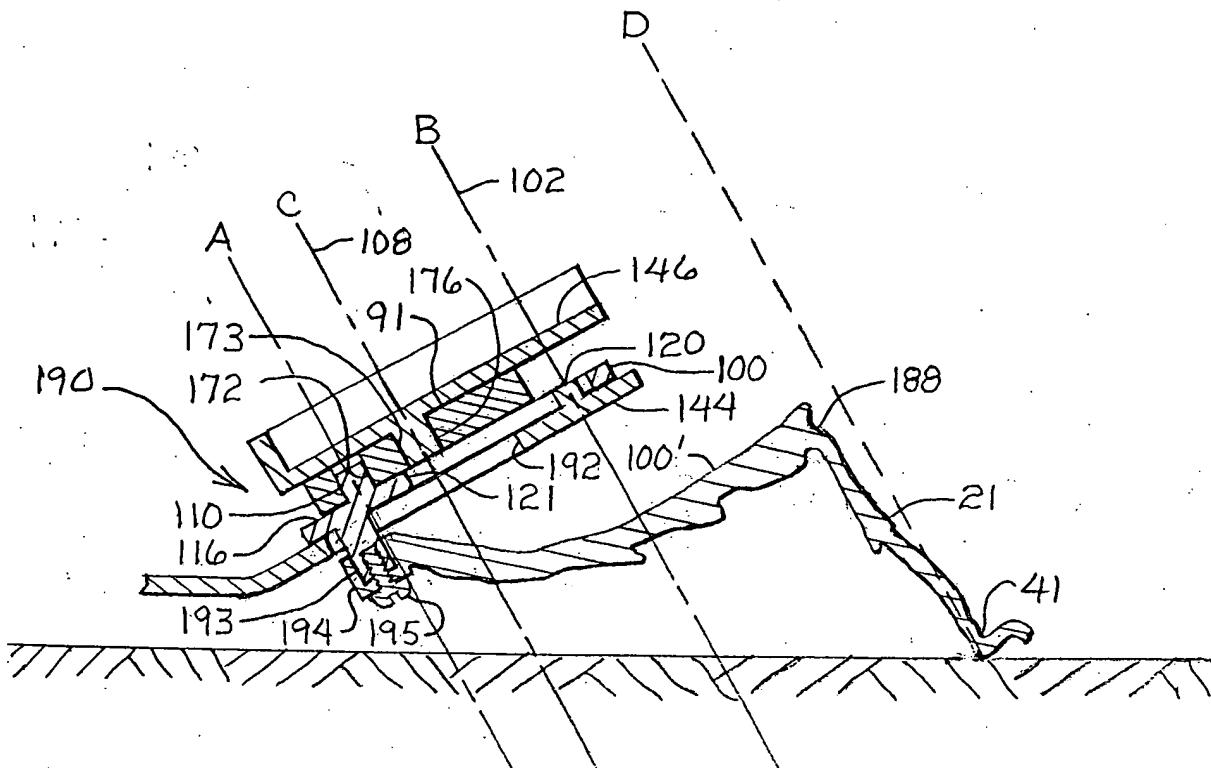


FIG. 37

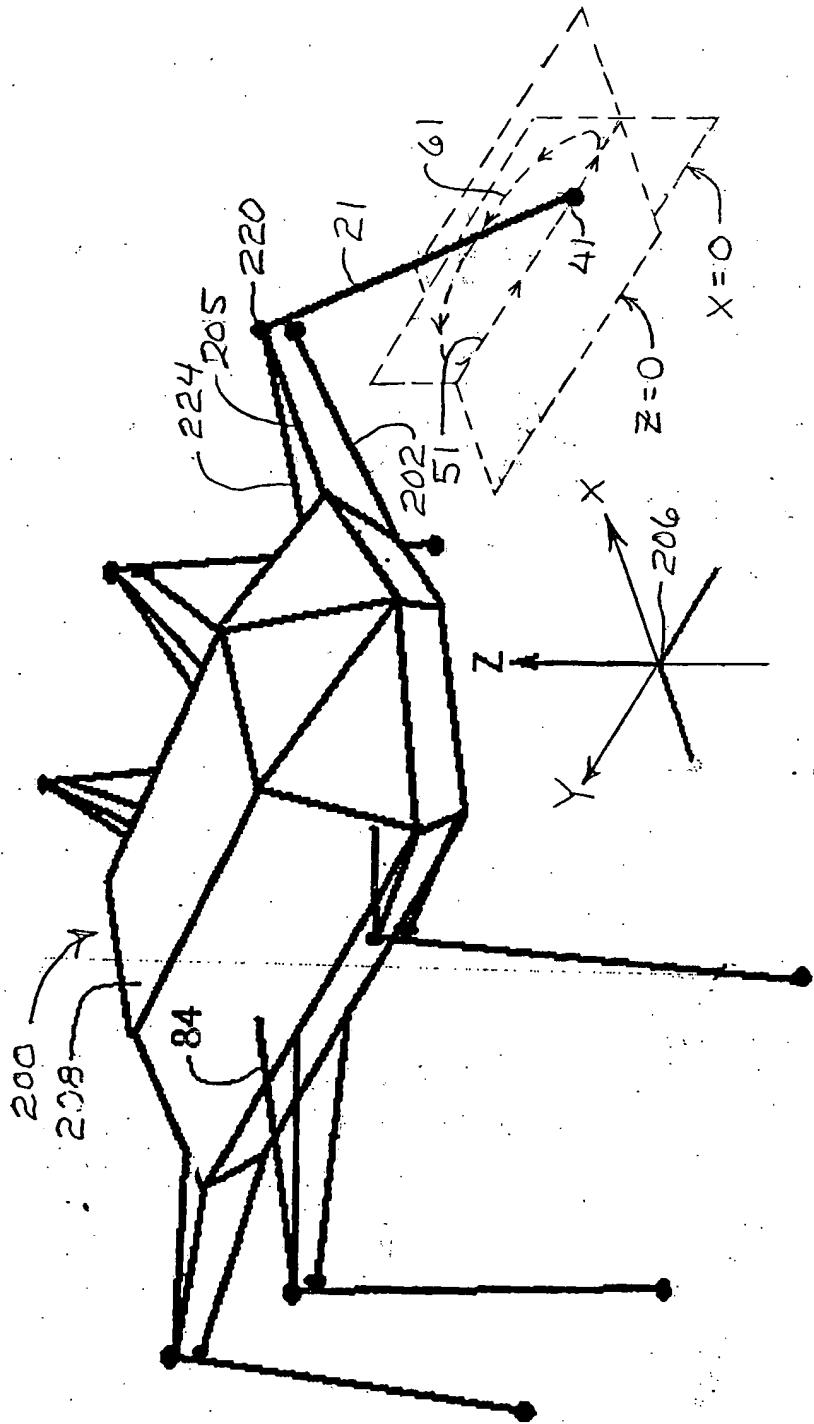


FIG. 38

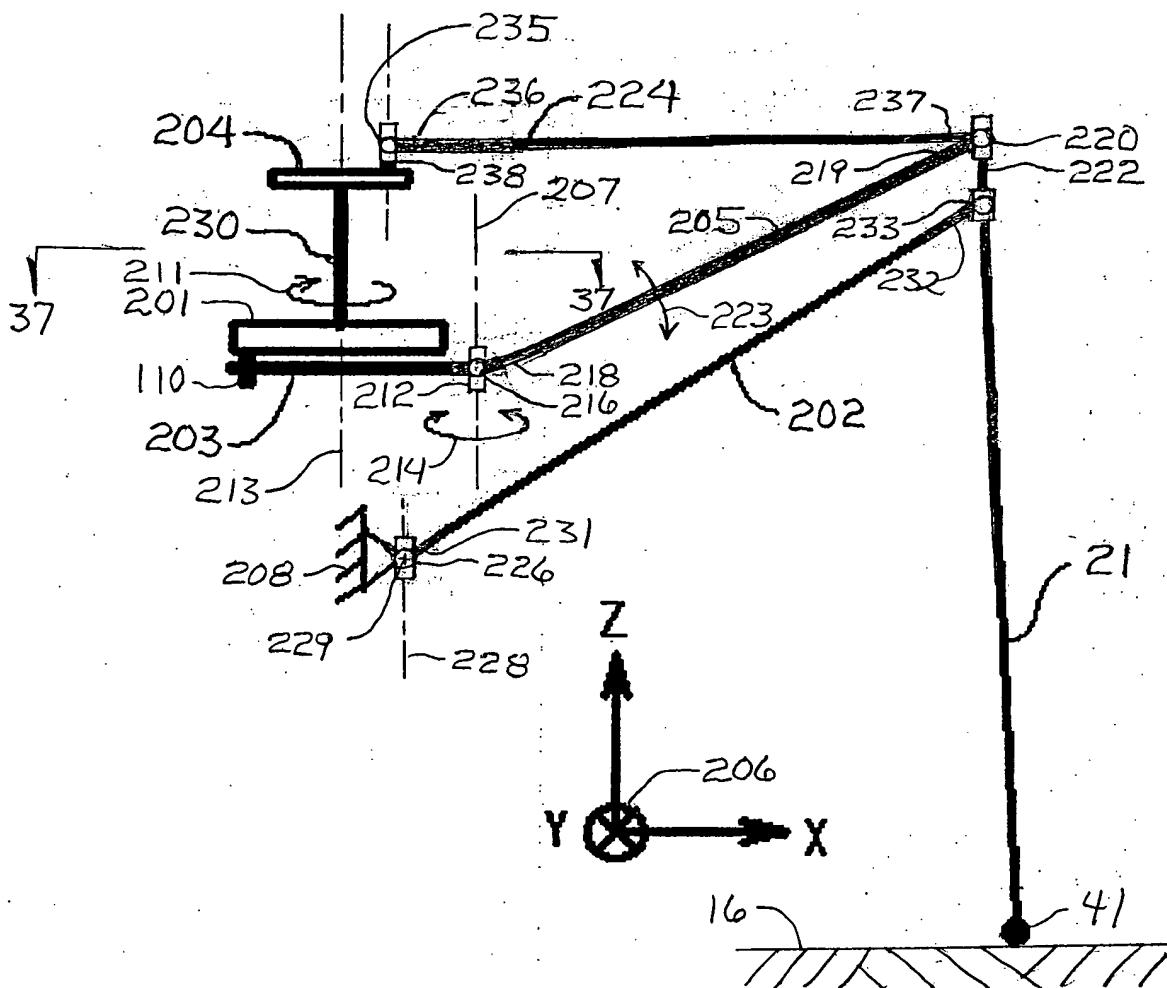
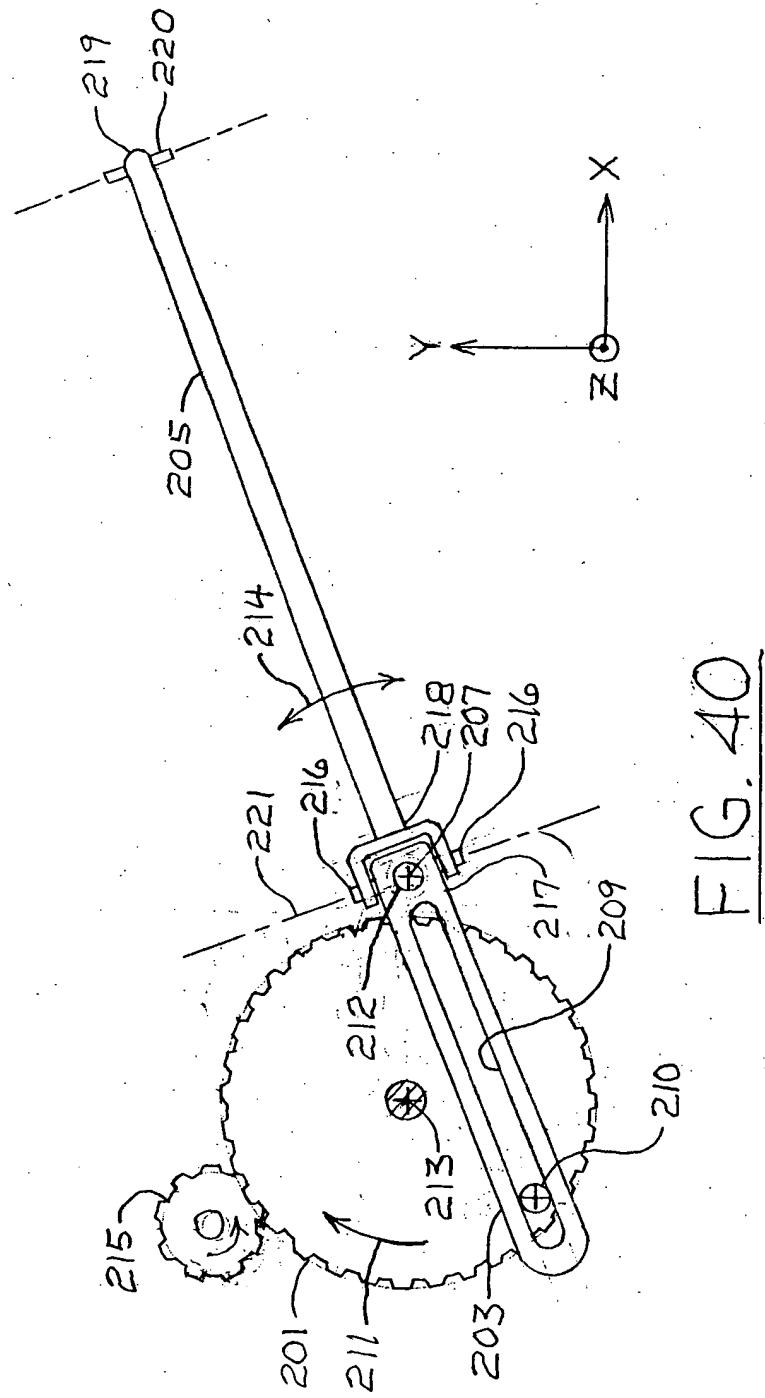


FIG. 39



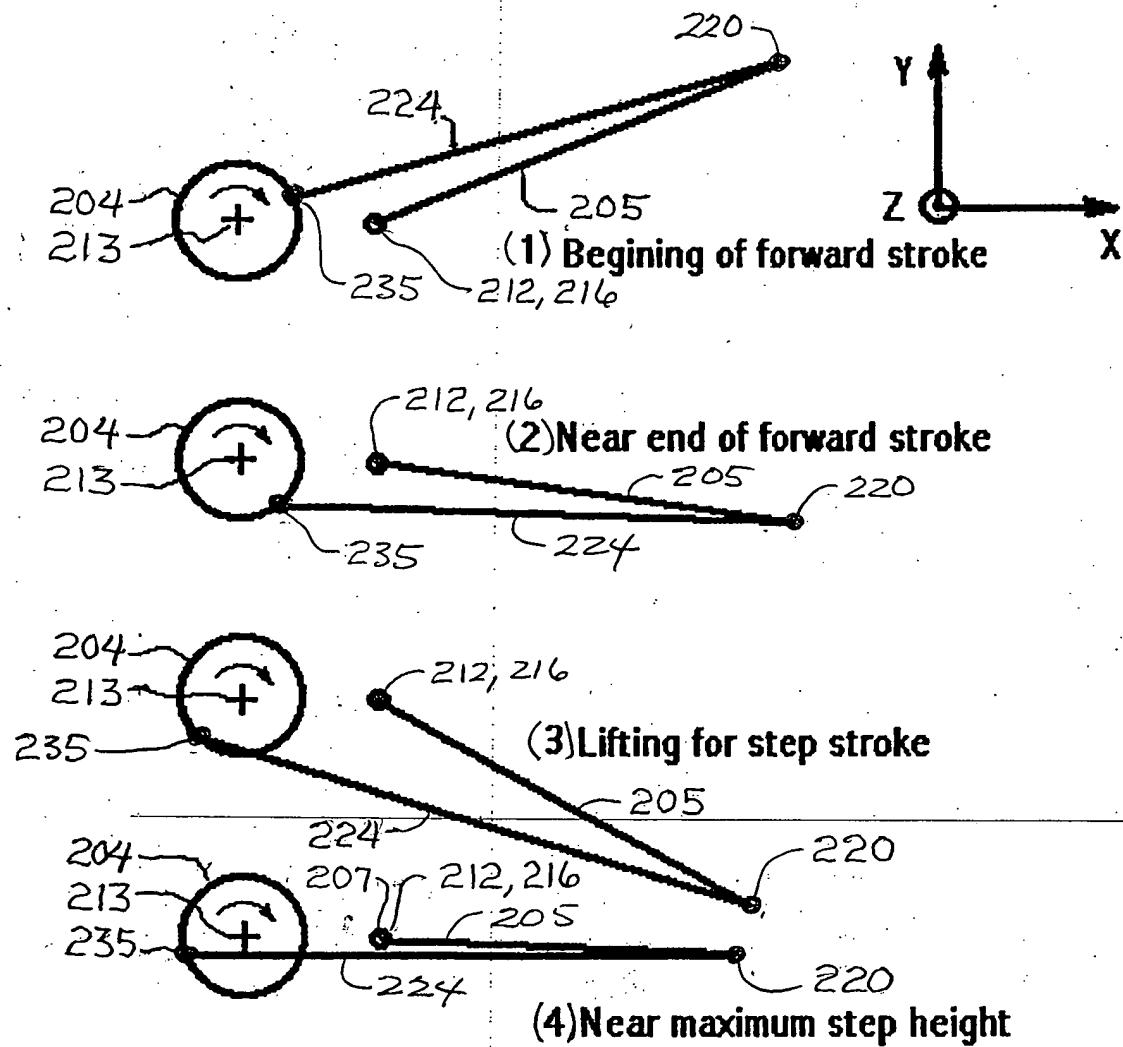


FIG. 41

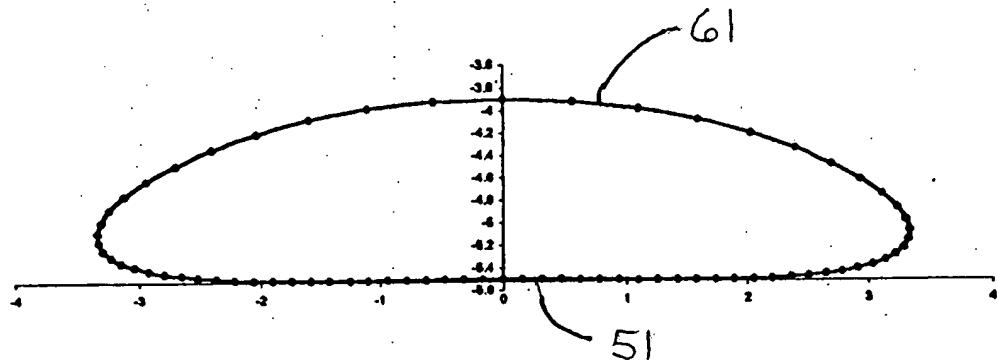


FIG. 42

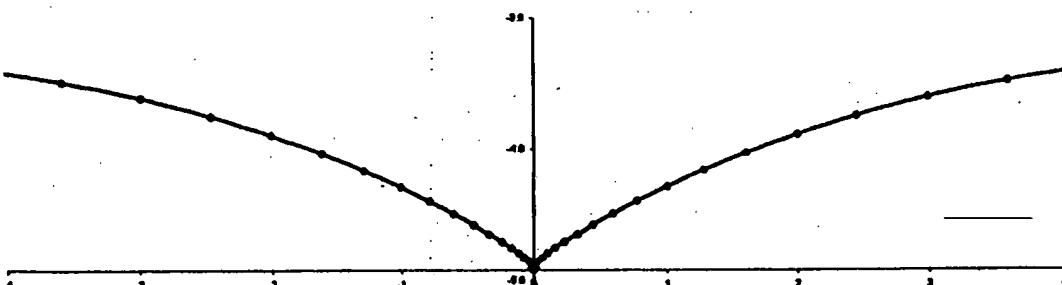


FIG. 43

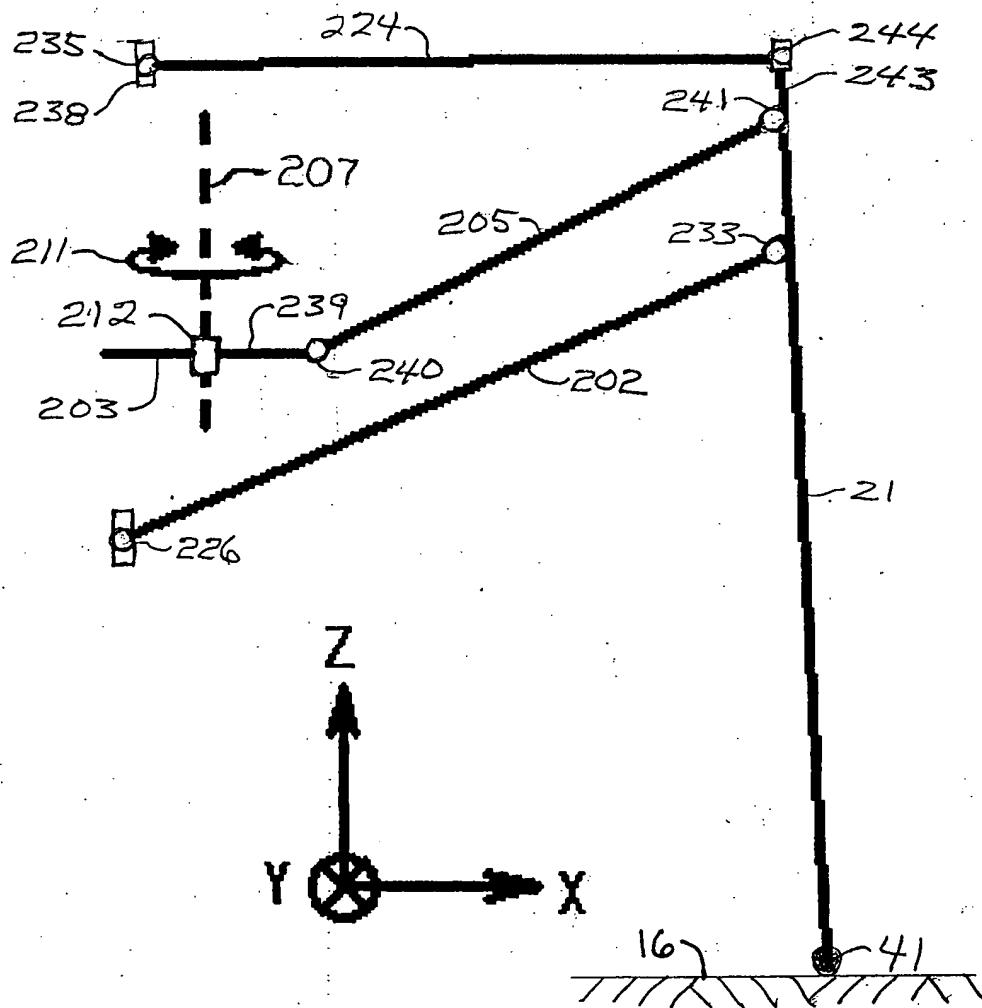


FIG. 44

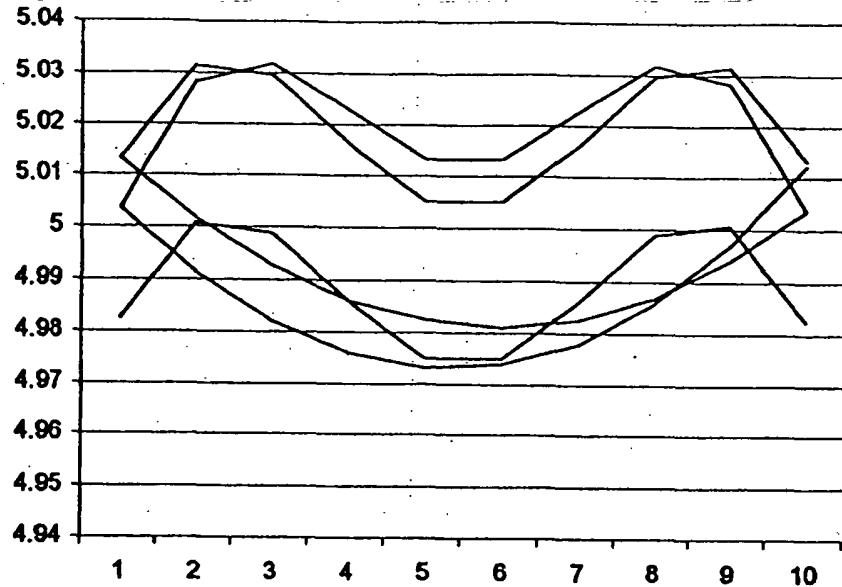


FIG. 45

$X = 5$

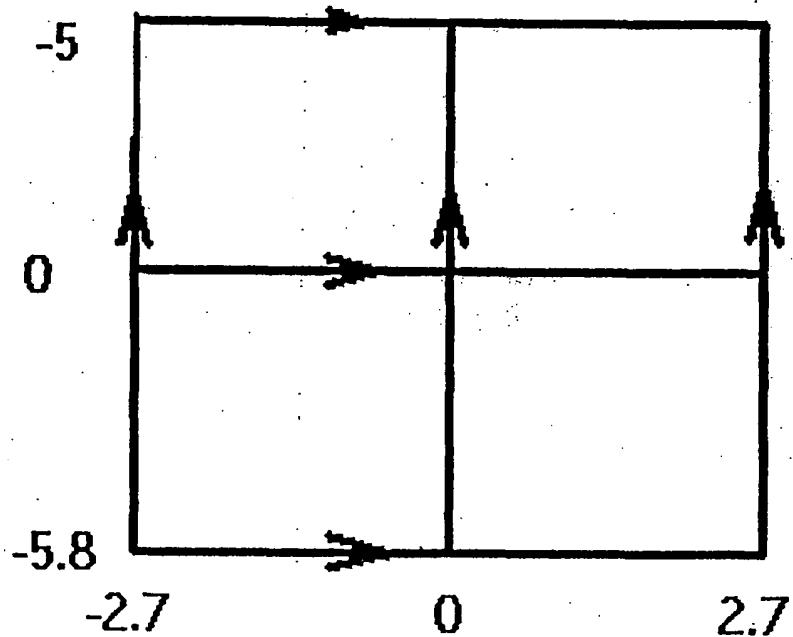


FIG. 46